



1636

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TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	09/900,699
	Filing Date	July 6, 2001
	First Named Inventor	Thomas J. Brennan
	Art Unit	1636
	Examiner Name	Celine X. Qian
Total Number of Pages in This Submission	Attorney Docket Number	R-173

ENCLOSURES (Check all that apply)		
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Firm or Individual	Kelly L. Quast, Reg. No. 52,141
Signature	<i>Kelly L. Quast</i>
Date	February 5, 2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: Thomas J. BRENNAN

Group Art Unit: 1636

Serial No.: 09/900,699

Examiner: Qian, Celine X.

Filed: July 6, 2001

Customer No. 26619

Title: Transgenic Mice Containing DEZ Orphan
Receptor Gene Disruptions

Docket/Order No. R-173

Date: February 5, 2003

AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed November 5, 2002 in connection with the above-identified application, Applicant requests entry and consideration of the following amendments and remarks.

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THE AMENDMENTS

In the Claims:

Please cancel claims 1-10 and 17-19.

Please add claims 21-27 below.

21. (New) A transgenic mouse comprising a disruption in an endogenous DEZ receptor gene, wherein where the disruption is homozygous, the transgenic mouse lacks production of functional DEZ receptor protein and exhibits decreased agility or coordination, relative to a wild-type mouse.
22. (New) The transgenic mouse of claim 21, wherein the decreased agility or coordination is characterized by decreased performance on an accelerating rotarod.
23. (New) A cell or tissue isolated from the transgenic mouse of claim 21.